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**THE NATIONAL IMAGERY AND MAPPING AGENCY  
MARITIME SAFETY INFORMATION WEBSITE**

The National Imagery and Mapping Agency (NIMA) Maritime Safety Information Website provides worldwide remote query access to extensive menus of maritime safety information 24 hours a day.

Databases made available for access, query and download include Chart Corrections, Publication Corrections, NIMA Hydrographic Catalog Corrections, Chart and Publication Reference Data (current edition number, dates, title, scale), NIMA List of Lights, USCG Light Lists, WorldWide Navigational Warning Service (WWNWS) Broadcast Warnings, Maritime Administration (MARAD) Advisories, Department of State Special Warnings, Mobile Offshore Drilling Units (MODUs), Anti-Shipping Activity Messages (ASAMs), World Port Index, and Radio Navigational Aids. Publications that are also made available as PDF files include the U.S. Notice to Mariners, U.S. Chart No. 1, The American Practical Navigator (Bowditch), International Code of Signals, Radio Navigational Aids, World Port Index, Distances Between Ports, Sight Reduction Tables for Marine and Air Navigation, and the Radar Navigation and Maneuvering Board Manual.

The Maritime Safety Information Website can be accessed via the NIMA Homepage ([www.nima.mil](http://www.nima.mil)) or directly at <http://pollux.nss.nima.mil>. Any questions concerning the Maritime Safety Information Website should be directed to:

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## TABLE OF SYMBOLS

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### LEGEND

Example:        A        1        A  
                   (1)     (2)     (3)

(1)    Type of modulation of the main carrier:

A        Double sideband  
 F        Frequency modulation  
 G        Phase modulation  
 H        Single sideband (full carrier)  
 J        Single sideband (suppressed carrier)  
 N        Emission of unmodulated carrier  
 R        Single sideband (reduced or variable level carrier)

(2)    Nature of signal(s) modulating the main carrier:

0        No modulating signal  
 1        Single channel containing quantized/digital information without modulating subcarrier, excluding time division multiplex  
 2        Single channel containing quantized/digital information with modulating subcarrier, excluding time division multiplex  
 3        Single channel containing analog information  
 9        Multiple channels, separately containing quantized/digital information and analog information

(3)    Type of information to be transmitted. "Information" does not include information of a constant, unvarying nature, such as provided by standard frequency emissions, continuous wave and pulse radars, etc.:

A        Telegraphy (aural reception)  
 B        Telegraphy (automatic reception)  
 C        Facsimile  
 D        Data transmission, telemetry, telecommand  
           Note: With 6 kHz, EDW operation in the bands below 30 MHz allocated exclusively for maritime mobile service (FC, MO)  
 E        Telephony (including sound broadcasting)  
 N        No information transmitted  
 W        Telegraphy and telephony

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### AMPLITUDE MODULATION

**A1A**      Continuous wave telegraphy  
**A2A**      Telegraphy by on/off keying of tone-modulated carrier  
**A3E**      Telephony  
**A3C**      Facsimile  
**A9W**      Composite emission of telegraphy and telephony  
**G1D**      Data transmission  
**G3E**      Telephony  
**H2A**      Telegraphy by on/off keying of tone-modulated carrier  
**H2B**      Selective calling using sequential single frequency code  
**H3E**      Telephony  
**J3E**      Telephony  
**N0N**      Unmodulated continuous wave emission  
**R3E**      Telephony

## **FREQUENCY (or PHASE) MODULATION:**

<b>F1B</b>	Narrow band direct printing (NBDP); Telex
<b>F2A</b>	Telegraphy by on/off keying of tone-modulated carrier
<b>F3C</b>	Facsimile
<b>F3E</b>	Telephony

Pulse Modulation:

kHz = kilohertz

MHz = megahertz

GHz = gigahertz

## **TERMS AND ABBREVIATIONS**

AOR-E	Atlantic Ocean Region-East
AOR-W	Atlantic Ocean Region-West
CES	Coast Earth Station
DSC	Digital Selective Calling
EPIRB	Emergency position-indicating radio beacon
GEOLUT	Local user terminal in a GEOSAR system
GEOSAR	Geostationary satellite system for SAR
HF	High Frequency
IOR	Indian Ocean Region
LEOLUT	Local user terminal in a LEOSAR system
LEOSAR	Low Earth Orbit satellite system for SAR
LUT	COSPAS-SARSAT Local User Terminal
MCC	COSPAS-SARSAT Mission Control Center
MF	Medium Frequency
MRCC	Maritime Rescue Co-ordination Center
MRSC	Maritime Rescue Sub-Center
NBDP	Narrow band direct printing
NCS	Network Coordinating Station
N.I.	No Information
NM	Nautical Miles
POR	Pacific Ocean Region
RCC	Rescue Coordination Center
R <sub>x</sub>	Receiver
SAR	Search and rescue
T <sub>x</sub>	Transmitter
UTC	Coordinated Universal Time